

AUG 29 2006

FROMMER LAWRENCE & HAUG LLP

745 Fifth Avenue
New York, New York 10151
Telephone: (212) 588-0800
Facsimile: (212) 588-0500
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FACSIMILE COVER LETTER

To: Commissioner for Patents
Examiner Shannon A. Foley

Firm: U.S. Patent and Trademark Office
Art Unit 1648

Facsimile: (571) 273-8300

From: Anne-Marie C. Yvon

Date: August 29, 2006

Re: FLH Ref No.: 574313-2338.1
Serial No: 09/784,962
Patent No.: 6,953,581

Number of Pages:
(including cover page)

16

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PATENT
574313-2338.1**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Gordon Moore ALLAN *et al.*
U.S. Serial No. : 09/784,962
U.S. Patent No. : 6,953,581
Patent Issue Date : October 11, 2005
For : PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE
Filing Date : February 16, 2001
Examiner : Shannon A. Foley
Art Unit : 1648

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745 Fifth Avenue
New York, NY 10151**FACSIMILE**

I hereby certify that this paper is being facsimile transmitted to the
Patent and Trademark Office on the date shown below.

Shakeena Ali-RampersadType or print name of
person signing certificationSRampersad

Signature

August 29, 2006

Date of Signature

**REQUEST FOR CORRECTION OF NOTICE OF
RECORDATION OF ASSIGNMENT DOCUMENT**

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

PATENT
574313-2338.1

Further to the Notice of Recordation of Assignment document, mailed August 7, 2006, applicants request that the following changes be made in the Notice of Recordation of Assignment Document.

UNDER APPLICANT(S):

Please correct the spelling of the second inventor from "Martin Meehan" to --Brian Martin Meehan--.

UNDER SERIAL NUMBER AND FILING DATE:

Please change "11/033,320" to --09/784,962--; and "January 12, 2005" to -- February 16, 2001--;

UNDER PATENT NUMBER:

Please change "6,953,962" to --6,953,581--;

UNDER TITLE:

Please change "NON VOLATILE MEMORY DEVICE HAVING A GATE ELECTRODE" to -- PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE--.

Enclosed herewith are copies of the Notice of Recordation of Assignment; Recordation Cover Sheet and the Assignment. The requested correction is noted on the Recordation Notice.

We would appreciate receiving a copy of the corrected notice for our records.

PATENT
574313-2338.1

The USPTO is authorized to charge any required fees or refund any overpayment of fees
occasioned by this request to Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By: Anne-Marie C. Yvon
Thomas J. Kowalski, Esq.
Reg. No. 32,147

Anne-Marie C. Yvon, Ph.D.
Reg. No. 52,390
(212) 588-0800

AUG 29 2006

FLH Ref. No.574313-2338.1

Page 1 of 1

FORM PTO-1595

(Rev. 6-93)

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies)</p> <p>Gordon Moore ALLAN; Brian Martin MEEHAN; John Albert ELLIS; George Steven KRAKOWKA; Jean-Christophe Francis AUDONNET; Francis McNEILLY</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: The Queens University of Belfast Street Address: Stoney Road, Stormont City: Belfast, BT4 3SD, ROYAUME UNI Country: United Kingdom</p> <p>Name: Merial Street Address: 17 Rue Bourgelat City: 69002 Lyon Country: France</p> <p>Name: University of Saskatchewan Street Address: 52 Campus Drive City: Saskatoon, SK S7W 5B4 Country: Canada</p> <p>Additional name(s) & address(es) attached? Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other On the recordation cover sheet:</p> <p>Under Applicant(s), change: "Martin Meehan" to --Brian Martin Meehan--;</p> <p>Under Serial Number and Filing Date, change: "11/033,320" to --09/784,962-- and "January 12, 2005" to --February 16, 2001--;</p> <p>Under Patent Number, change: "6,953,962" to --6,953,581--;</p> <p>Under Title, change "NON VOLATILE MEMORY DEVICE HAVING A GATE ELECTRODE" to --PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE--.</p> <p>Execution Date: May 31, 2000</p>	

<p>4. Application number(s) or patent number(s): Application No. 09/784,962; Patent No. 6, 953, 962</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No. Additional numbers attached? YES <input checked="" type="checkbox"/> NO</p> <p>B. Patent No.(s)</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Thomas J. Kowalski, Esq. Internal Address: Frommer Lawrence & Haug LLP Street Address: 745 Fifth Avenue City: New York State: NY Zip: 10151</p>	<p>6. Total number of applications and patents involved.....1</p> <p>7. Total fee (37 CFR 3.41).....\$ 0.00</p> <p>Enclosed X Authorized to be charged to deposit account #50-0320</p> <p>8. Deposit account number: 50-0320 (Attach duplicate copy of this page if paying by deposit account)</p>

Do not use this space

<p>9. <u>Statement and signature</u></p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p>		
<p>Anne-Marie C. Yvon; Reg. No. 52,390</p> <p>_____ Name of Person Signing</p>	<p><i>Anne-Marie C. Yvon</i> _____ Signature</p>	<p>August 29, 2006</p> <p>_____ Total number of pages including cover sheet, attachments, and document and check): 4</p>

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Commissioner of Patents
Mail Stop Assignments
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UNITED STATES PATENT AND TRADEMARK OFFICE

2006 AUG 13 12:19
UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FROMMER, LAWRENCE
& HAUG, LLP
PTAS

AUGUST 07, 2006

THOMAS J. KOWALSKI, ESQ.
FROMMER LAWRENCE & HAUG LLP
745 FIFTH AVENUE
NEW YORK, NY 10151



103271246A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/22/2006

REEL/FRAME: 018061/0320
NUMBER OF PAGES: 12

BRIEF: RECORD TO DELETE TWO ASSIGNEES AND ADD ONE ON A DOCUMENT
PREVIOUSLY RECORDED ON REEL 015317 FRAME 0637

ASSIGNOR:
ALLAN, GORDON MOORE

DOC DATE: 05/31/2000

ASSIGNOR:
MEEHAN, MARTIN BRIAN MARTIN

DOC DATE: 05/31/2000

ASSIGNOR:
ELLIS, JOHN ALBERT

DOC DATE: 05/31/2000

ASSIGNOR:
KRAKOWKA, GEORGE STEVEN

DOC DATE: 05/31/2000

ASSIGNOR:
AUDONNET, JEAN-CHRISTOPHE FRANCIS

DOC DATE: 05/31/2000

ASSIGNOR:
MCNEILLY, FRANCIS

DOC DATE: 05/31/2000

018061/0320 PAGE 2

ASSIGNEE:

QUEENS UNIVERSITY OF BELFAST, THE
STONEY ROAD, STORMONT
BELFAST, BT4 3SD, ROYAUME UNI

UNITED KINGDOM

ASSIGNEE:

MERIAL
17 RUE BOURGCLAT
69002 LYON, FRANCE

ASSIGNEE:

UNIVERSITY OF SASKATCHEWAN
52 CAMPUS DRIVE
SASKATOON, SK, CANADA S7W 5B4

SERIAL NUMBER: ~~41033320~~ 04/784,902 FILING DATE: ~~01/12/2005~~ 02/10/2001
PATENT NUMBER: ~~6953962~~ 6,953,581 ISSUE DATE: 10/11/2005
TITLE: ~~NON-VOLATILE MEMORY DEVICE HAVING A GATE ELECTRODE~~

PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE

SEDLEY PYNE, PARALEGAL
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PUBLIC RECORDS DIVISION

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FLH Ref. No. 574313-2338.1
Page 1 of 1FORM PTO-1595
(Rev. 6-93)103271246
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) Gordon Moore ALLAN; Brian Martin MEEHAN; John Albert ELLES; George Steven KRAKOWKA; Jean-Christophe Franch AUDONNET; Francis McNEILLY Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: The Queens University of Belfast Street Address: Stony Road, Stormont City: Belfast, BT4 3SD, ROYAUME UNI Country: United Kingdom Name: Meriel Street Address: 17 rue Bourgois City: 69002 Lyon Country: France Name: University of Saskatchewan Street Address: 32 Campus Drive City: Saskatoon, SK S7N 5B4 Country: Canada Additional name(s) & address(es) attached? Yes - <u>X No</u>
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other On the recordation cover sheet, please delete "Meriel Limited, P.O. Box 327, Sandringham House, Sandringham Avenue, Harlow Business Park, Harlow Essex, England CH19 5TG and Meriel LLC, 3239 Satellite Blvd., Duluth, Georgia 30096-4640" to -Meriel, 17 rue Bourgois 69002 Lyon, France- Execution Date: May 31, 2000	

4. Application number(s) or patent number(s): Application No. 09/784,962; Patent No. 6,953,962 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No. Additional numbers attached? YES <u>X NO</u> B. Patent No.(s)	5. Name and address of party to whom correspondence concerning document should be mailed: Name: Thomas J. Kawalski, Esq. Internal Address: Frommer Lawrence & Harg LLP Street Address: 745 Fifth Avenue City: New York State NY Zip: 10151 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 48.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account #50-0320 8. Deposit account number: 50-0320 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Anne-Marie C. Vuon; Reg. No. 51,390 Name of Person Signing <u>Anne-Marie C. Vuon</u> Signature <u>Anne-Marie C. Vuon</u> Date 22, 2006 Total number of pages including cover sheet, attachments, and document and check: 4		
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PAGE 4/13 * RCVD AT 8/22/2006 4:32:42 PM [Eastern Daylight Time] * SVR:USPTO-EFXXF-32 * DNIS:2738300 * CSID:12125880500 * DURATION (mm-ss):05-52

Frommer Lawrence & Haug LLP
 File No: 574313-2338.1
 Serial No.: 89/784,962
 Date of Filing: February 16, 2001

ASSIGNMENT

We, Gordon Moore Allan, Brian Martin Meehan, John Albert Ellis, George Steven Krakowka, Jean-Christophe Francis Andeanet, and Francis McNeill, reside at: 51 Cabintown Gds., Belfast, BT5 7AR, North Ireland, 26 St. John's Close, 2 Laganbank Road, Belfast BT1 3LX, North Ireland, 812 13th Street East, Saskatoon, Saskatchewan, S7N 0M3, Canada, 2576 Summit Street, Columbus, Ohio 43202, United States and 119 rue de Crequi, 69006 Lyon, France, and 4 Libleen Place, Newtonards, BT3 4NH, North Ireland, respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: "PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE" and THE QUEEN'S UNIVERSITY OF BELFAST, MERIAL and UNIVERSITY OF SASKATCHEWAN, jointly, whose addresses are: Stoney Road, Stormont, Belfast BT4 3SD ROYAUME UNI; 17 rue Bourgelat 69002 Lyon, France and, 52 Campus Drive, Saskatoon, SK S7W 5B4 CANADA, respectively, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to each of us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file and prosecute patent applications in any or all countries on any or all of said inventions and discoveries in our name or names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs and legal representatives, as well as each of ourselves to do, upon Assignee's request and at its expense, but without additional consideration to any of us, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by each of us or each of our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to each of us relating to said inventions and

discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 16 day of February 2001.

In testimony of which we have affixed our signature.

Gordon Moore **ALLAN**

Brian Martin **MEEHAN**


John Albert **ELLIS**

George Steven **KRAKOWKA**

Jean-Christophe Francis **AUDONNET**

Francis **MCNEILLY**

(DRAFT) (00192598)

Page 2 of 2 574313-2338 1 - New Assignment

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Frommer Lawrence & Hang LLP File No: 574313-2338.1 Serial No.: 09/784,961 Date of Filing: February 16, 2001
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ASSIGNMENT

We, Gordon Moore Allan, Brian Martin Meehan, John Albert Ellis, George Steven Krakowka, Jean-Christophe Francis Audonnet, and Francis McNeilly reside at: 51 Cabinhill Gds., Belfast, BT5 7AR, North Ireland, 26 St. John's Close, 2 Laganbank Road, Belfast BT1 3LX, North Ireland, 812 13th Street East, Saskatoon, Saskatchewan, S7N 0M3, Canada, 2676 Summit Street, Columbus, Ohio 43202, United States and 119 rue de Crequi, 69006 Lyon, France, and 4 Lisleen Place, Newtonards, BT3 4NH, North Ireland, respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: "PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE" and THE QUEEN'S UNIVERSITY OF BELFAST, MERIAL and UNIVERSITY OF SASKATCHEWAN, jointly, whose addresses are: Stoney Road, Stormont, Belfast BT4 3SD ROYAUME UNI; 17 rue Bourgelat 69002 Lyon, France and, 52 Campus Drive, Saskatoon, SK S7W 5B4 CANADA, respectively, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

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2. Authorize Assignee to file and prosecute patent applications in any or all countries on any or all of said inventions and discoveries in our name or names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs and legal representatives, as well as each of ourselves to do, upon Assignee's request and at its expense, but without additional consideration to any of us, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by each of us or each of our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to each of us relating to said inventions and

discoveries or the history thereof, and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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In testimony of which we have affixed our signature.

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Brian Martin MEEHAN

John Albert ELLIS


George Steven KRAKOWKA

Jean-Christophe Francis AUDONNET

Francis MCNEILLY

AUG 29 2006

Frommer Lawrence & Haug LLP
File No: 574313-2338.1
Serial No.: 09/784,962
Date of Filing: February 16, 2001

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Now, therefore, for valuable consideration furnished by Assignee to each of us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file and prosecute patent applications in any or all countries on any or all of said inventions and discoveries in our name or names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs and legal representatives, as well as each of ourselves to do, upon Assignee's request and at its expense, but without additional consideration to any of us, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by each of us or each of our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to each of us relating to said inventions and

discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 16 day of February 2001.

In testimony of which we have affixed our signature.


Gordon Moore ALLAN
Brian Martin MEEHAN
John Albert ELLIS
George Steven KRAKOWKA
Jean-Christophe Francis AUDONNET
Francis MCNEILLY

(AUG 29 2006)

Frommer Lawrence & Haug LLP
File No: 574313-2338.1
Serial No: 09/784,962
Date of Filing: February 16, 2001

ASSIGNMENT

We, Gordon Moore Allan, Brian Martin Meehan, John Albert Ellis, George Steven Krakowka, Jean-Christophe Francis Audonnet, and Francis McNeilly reside at: 51 Cabinhill Gds., Belfast, BT5 7AR, North Ireland, 26 St. John's Close, 2 Laganbank Road, Belfast BT1 3LX, North Ireland, 812 13th Street East, Saskatoon, Saskatchewan, S7N 0M3, Canada, 2676 Summit Street, Columbus, Ohio 43202, United States and 119 rue de Croqui, 69006 Lyon, France, and 4 Lisleen Place, Newtonards, BT3 4NH, North Ireland, respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: "PORCINE CIRCOVIRUS AND PARVOVIRUS VACCINE" and THE QUEEN'S UNIVERSITY OF BELFAST, MERIAL and UNIVERSITY OF SASKATCHEWAN, jointly, whose addresses are: Stoney Road, Stormont, Belfast BT4 3SD ROYAUME UNI; 17 rue Bourgelat 69002 Lyon, France and, 52 Campus Drive, Saskatoon, SK S7W 5B4 CANADA, respectively, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

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2. Authorize Assignee to file and prosecute patent applications in any or all countries on any or all of said inventions and discoveries in our name or names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs and legal representatives, as well as each of ourselves to do, upon Assignee's request and at its expense, but without additional consideration to any of us, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by each of us or each of our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to each of us relating to said inventions and

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Page 1 of 2 574313-2338.1 - New Assignment

discoveries or the history thereof, and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 16 day of February 2001.

In testimony of which we have affixed our signature.

Gordon Moore ALLAN

Brian Martin MEEHAN

John Albert ELLIS

George Steven KRAKOWKA



Jean-Christophe Francis AUDONNET

Francis MCNEILLY